

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Radioactive Waste Shipment Certification Form

General Instructions and Information: This is a two part form to be used by shippers and carriers of radioactive waste. The certifications contained herein satisfy the requirements of Section 13-7-150, of Act No. 499 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act. This certification along with a copy of the prior notification form shall accompany each shipment of radioactive waste into and within the State of South Carolina. The shipper is to complete his portion of the form and present it to the carrier as part of the shipping documents. Upon receipt, the carrier shall complete his portion of the form. Upon delivery of the shipment to the consignee, a copy of this certification form, and a copy of the Prior Notification and Manifest form with the consignee acknowledgement, shall be returned to the Department.

Part I: Shipper's Certificate of Compliance

1. Name of Shipper and Address: Umetco Minerals Corporation 137 - 47th Street Niagara Falls, NY 14302 Telephone No. (716) 278-3361	2. Shipment Identification No. 1184-119-A
	3. Transport Permit No. 0211-31-84-X

In compliance with Act No. 499 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act, I hereby certify on behalf of the above-named shipper to the South Carolina Department of Health and Environmental Control that the above-named shipper has complied with all provisions of Act No. 499 of 1980, and all applicable laws and administrative rules and regulations, both State and Federal, regarding the packaging, transportation, storage, disposal and delivery of such wastes. I further certify that this shipment of radioactive waste has been inspected within 48 hours of the time of departure and that no items of non-compliance with applicable laws, rules or regulations were found.

Date November 6, 1984

G.E. Walck, Construction Superintendent
Typed Name and Title of Agent of Shipper


Signature

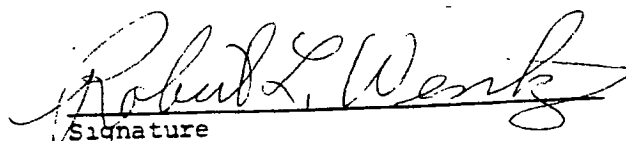
Part II: Carrier's Certification

1. Name of Carrier and Address: Tri-State Motor Transit Company P.O. Box 113 Joplin, Missouri 64801 Telephone No. (800) 641-7591	2. Shipment Identification No. 1184-119-A
	3. Transport Trailer No.
4. Scheduled Date of Departure of Shipment: November 6, 1984	5. Estimated Date of Arrival of Shipment: November 8, 1984

Certification is hereby made to the South Carolina Department of Health and Environmental Control that: (a) the shipper has provided the carrier with a copy of the shipment manifest, the certificate of compliance, and the routing instructions; (b) the shipment of radioactive waste has been properly placarded for transport according to applicable U.S. Department of Transportation Regulations; (c) all shipping papers originated or reproduced by the carrier have been properly executed; (d) the transport vehicle has been inspected according to applicable State and Federal regulations within the prescribed intervals and that all safety and operational components are in good working order and meet the requirements of regulations; (e) all drivers who will operate the vehicle within the State of South Carolina are qualified to transport hazardous materials as specified by applicable U.S. Department of Transportation regulations; (f) the Department shall be immediately notified of any variance, occurring after departure, from the shipper's notification of primary routes in South Carolina and estimated date of arrival; (g) all applicable laws and administrative rules and regulations, both State and Federal, regarding the transportation of radioactive wastes will be complied with.

Date November 6, 1984

Typed or Printed Name and Title


Signature

UMETCO MINERALS CORPORATION
NIAGARA FALLS, NEW YORK

DATE 11-6-84

TRACTOR NO. 2761

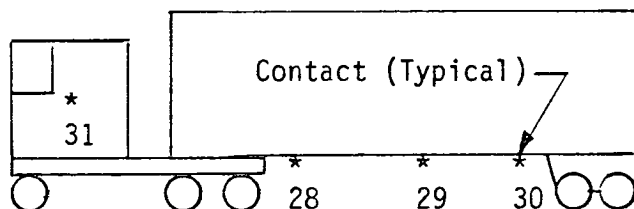
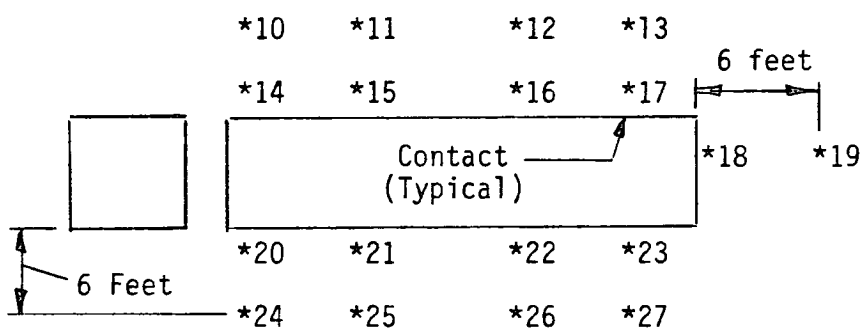
SHIPMENT NO. 615-3015

TRAILER NO. 445055



*1	*2	*3	*4
	*9		
*5	*6	*7	*8

TRUCK FLOOR SURVEY (UNLOADED)



TRUCK EXTERIOR SURVEY (LOADED)

NO.	δ	β
1	.008	20
2	.015	—
3	.016	—
4	.010	60
5	.010	40
6	.015	—
7	.013	—
8	.008	50
9	—	60
10	.014	—
11	.016	—
12	.016	—
13	.014	—
14	.018	—
15	.024	—
16	.024	—
17	.022	—
18	.014	—
19	.014	—
20	.020	—
21	.018	—
22	.020	—
23	.026	—
24	.012	—
25	.014	—
26	.016	—
27	.020	—
28	.028	—
29	.038	—
30	.038	—
31	.010	—

LEGEND:

* Location of Reading

δ = mR/hr Ludlum Model 19 (S/N 22534)

β = dpm/100 cm² Ludlum Model 15 (S/N 28886)
w/Ludlum Model 44-9 Probe (S/N 12708) - Eff. 42%

S. E. Walsh
(Survey performed by)

UCCNHT0002470

Umetco Minerals Corporation
Niagara Falls, New York

Date 10-3-84

CONTAINER SURVEY

BOX CONTROL NO. UM 84-200 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 4760

RADIATION SURVEY (Total)

CONTACT .038 mR/hr.

3 FEET .014 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29592

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0002471

Umetco Minerals Corporation
Niagara Falls, New York

Date 10-17-84

CONTAINER SURVEY

BOX CONTROL NO. UM84 - 203 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 4656

RADIATION SURVEY (Total)

CONTACT .018 mR/hr.

3 FEET .010 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29595

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0002472

Umetco Minerals Corporation
Niagara Falls, New York

Date 10-17-84

CONTAINER SURVEY

BOX CONTROL NO. UM 84-206 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 5020

RADIATION SURVEY (Total)

CONTACT . 022 mR/hr.

3 FEET . 012 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29598

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0002473

Umetco Minerals Corporation
Niagara Falls, New York

Date 10-17-84

CONTAINER SURVEY

BOX CONTROL NO. UM84-207 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 4512

RADIATION SURVEY (Total)

CONTACT .038 mR/hr.

3 FEET .012 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29599

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 10-17-84

CONTAINER SURVEY

BOX CONTROL NO. UM 84 - 212 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 4818

RADIATION SURVEY (Total)

CONTACT .030 mR/hr.

3 FEET .012 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29604

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0002475

Umetco Minerals Corporation
Niagara Falls, New York

Date 10-17-84

CONTAINER SURVEY

BOX CONTROL NO. UM 84 - 213 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4608

RADIATION SURVEY (Total)

CONTACT .026 mR/hr.

3 FEET .012 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A-29605

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0002476

Umetco Minerals Corporation
Niagara Falls, New York

Date 10-17-84

CONTAINER SURVEY

BOX CONTROL NO. UM 84-222 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 4810

RADIATION SURVEY (Total)

CONTACT .040 mR/hr.

3 FEET .014 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29614

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0002477

Umetco Minerals Corporation
Niagara Falls, New York

Date 10-17-84

CONTAINER SURVEY

BOX CONTROL NO. UM 84 - 225 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4984

RADIATION SURVEY (Total)

CONTACT .036 mR/hr.

3 FEET .013 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29617

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0002478

Umetco Minerals Corporation
Niagara Falls, New York

Date 10-11-84

CONTAINER SURVEY

BOX CONTROL NO. UM 84 - 227 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 4856

RADIATION SURVEY (Total)

CONTACT .032 mR/hr.

3 FEET .012 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29619

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0002479